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I claim:

1. An endoscope, comprising an invaginator, which is a thin-walled tube, compactly placed on the distal part of an endoscopic tube in the shape of small layers and/or pleats.
2. The endoscope according to claim 1, wherein said invaginator is formed in the shape of a compact hollow cylinder, which has a gap with the distal part of the endoscopic tube.
3. The endoscope according to claim 2, wherein said cylinder has a compactness, which ensures said gap in the process of invagination of the endoscopic tube.
4. The endoscope according to any of claims 1 to 3, further comprising a seal between the endoscopic tube and the unverted end of said invaginator.
5. The endoscope according to any of claims 1 to 3, further comprising a shell of said invaginator, commensurate to the diameter of said invaginator and to the length of rectum.
6. The endoscope according to any of claims 1 to 3, further comprising a preservative of the distal part of the endoscopic tube.
7. An endoscope, comprising a disposable cartridge for the invagination of an endoscopic tube, which has:
 - an invaginator which is a thin-walled tube, formed by small layers and/or pleats in the shape of a compact hollow cylinder, which has a gap with the distal part of the endoscopic tube,
 - a seal between the endoscopic tube and the unverted end of said invaginator,
 - a shell of said invaginator, commensurate to the diameter of said invaginator and to the length of rectum,
 - a preservative of the distal part of the endoscopic tube.
8. The endoscope according to claim 7, wherein said cylinder has a compactness, which ensures said gap in the process of invagination of the endoscopic tube.
9. The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising a seal of the endoscopic tube, which hermetizes a cavity of the everted part of said invaginator.
10. The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising a spring of said invaginator.
11. The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising a removable tip of the endoscopic tube.
12. The endoscope according to claim 11, wherein said tip further comprises a protective glass.
13. The endoscope according to claim 12, wherein a cavity of said tip communicates with a cavity of intestines.
14. The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising an anal dilator.
15. The endoscope according to any of claims 1, 2, 3, 7, 8, wherein the endoscopic tube further comprises a distal drives of traction lines, bending its distal end, which are cylinder-piston units, connected to the pressure of gas or liquid.
16. The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising a biopsy forceps, which are a flexible hermetic tube, on the distal end of said tube is placed a piston of a biopsy channel.
17. The endoscope according to claim 16, further comprising a distal drive of traction line of a cutters of said biopsy forceps.
18. An endoscope comprising a mechanism for introduction of an endoscopic tube, which is a cylinder-piston unit, connected to the pressure of gas or liquid.

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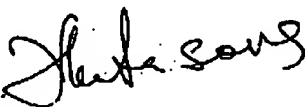
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7. (Amended) An endoscope, comprising a disposable cartridge for the invagination of an endoscopic tube, which has:
- an invaginator which is a thin-walled tube, formed by small layers and/or pleats in the shape of a compact hollow cylinder, which has a gap with the distal part of the endoscopic tube,
 - a seal between the endoscopic tube and the uneverted end of said invaginator,
 - a shell of said invaginator, commensurate to the diameter of said invaginator and to the length of rectum,
 - a preservative of the distal part of the endoscopic tube.
8. (Amended) The endoscope according to claim 7, wherein said cylinder has a compactness, which ensures said gap in the process of invagination of the endoscopic tube.
9. (Amended) The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising a seal of the endoscopic tube, which hermetizes a cavity of the everted part of said invaginator.
10. (Amended) The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising a spring of said invaginator.
11. (Amended) The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising a removable tip of the endoscopic tube.
12. (Amended) The endoscope according to claim 11, wherein said tip further comprises a protective glass.
13. (Amended) The endoscope according to claim 12, wherein a cavity of said tip communicates with a cavity of intestines.
14. (Amended) The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising an anal dilator.
15. (Amended) The endoscope according to any of claims 1, 2, 3, 7, 8, wherein the endoscopic tube further comprises a distal drives of traction lines, bending its distal end, which are cylinder-piston units, connected to the pressure of gas or liquid.
16. (Amended) The endoscope according to any of claims 1, 2, 3, 7, 8, further comprising a biopsy forceps, which are a flexible hermetic tube, on the distal end of said tube is placed a piston of a biopsy channel.
17. (Amended) The endoscope according to claim 16, further comprising a distal drive of traction line of a cutters of said biopsy forceps.
18. (Amended) An endoscope comprising a mechanism for introduction of an endoscopic tube, which is a cylinder-piston unit, connected to the pressure of gas or liquid.

Faithfully Yours,

Sergey Matasov, M.D.



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I claim:

1. An endoscope, comprising

- o an endoscope tube having a distal part nearest to tube's distal end,
- o an invaginator of the endoscope tube, which an elastic tube inflated and everted for invagination of the endoscope tube into the explored channel, said elastic tube is gathered by pleats and has an uneverted end,

wherein the improvement comprises an invaginator whose uneverted end is coupled with said distal part of the endoscope tube, at that said invaginator is held on said distal part of the endoscope tube.

2. The endoscope according to claim 1, wherein said invaginator is formed of pleats of said elastic tube, tightly compressed in longitudinal and transverse directions in a compact hollow cylinder, which has a gap with said distal part of the endoscope tube.

3. An endoscope with a disposable cartridge for the invagination of an endoscope tube, comprising

- o an endoscope tube having a distal part nearest to tube's distal end,
- o an invaginator of the endoscope tube, which is an elastic tube inflated and everted for invagination of the endoscope tube into the explored channel, said elastic tube is gathered by pleats and has an uneverted end,

wherein the improvement comprises an invaginator, whose uneverted end is coupled with said distal part of the endoscope tube, said invaginator is formed of pleats, tightly compressed in longitudinal and transverse directions in a compact hollow cylinder, which has a gap with said distal part of the endoscope tube and is held on said distal part of the endoscope tube.

4. The endoscope according to claim 2 or 3, wherein said cylinder has a narrowings of an external diameter and widenings of its internal diameter.

5. The endoscope according to any of claims 1 to 3, further comprising a shell for conducting the distal part of said endoscope tube with invaginator along rectum, at that the diameter of said shell is commensurate to the diameter of said invaginator.

6. The endoscope according to any of claims 1 to 3, further comprising sliding seals of said endoscope tube isolating a cavity of the everted part of said invaginator.

7. The endoscope according to any of claims 1 to 3, further comprising an anal dilator.

8. The endoscope according to claim 7, wherein said dilator has a channel in its wall.

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9. The endoscope according to any of claims 1 to 3, further comprising a spring of said invaginator.
- 5 10. The endoscope according to any of claims 1 to 3, further comprising a preservative of the distal part of said endoscope tube united with tube's tip, at that the proximal end of preservative and the tip have areas for hermetic fixation to the distal part of said endoscope tube.
- 10 11. The endoscope according to claim 10, wherein said tip comprises a protective glass and communicates with a cavity of intestines.
- 15 12. The endoscope according to any of claims 1 to 3, further comprising a mechanism for introduction of said endoscope tube which is a cylinder-piston unit having a hermetic cavity, confined by a cylinder, a piston and a segment of an elastic tube, connected to fluid pressure.
- 20 13. The endoscope according to any of claims 1 to 3, wherein said endoscope tube has a transverse pleats of its external cover, which are directed inwards.
- 25 14. The endoscope according to any of claims 1 to 3, wherein the endoscope tube has a distal drives of traction lines, bending its distal end, which are springs executed with pitch and enclosed inside elastic tubes connected to fluid pressure.
- 30 15. The endoscope according to any of claims 1 to 3, wherein the endoscope tube has a distal drives of traction lines, bending its distal end, which are cylinder-piston units, connected to the pressure of gas or liquid.
- 35 16. The endoscope according to any of claims 1 to 3, wherein the endoscope tube has a distal drives of traction lines, bending its distal end, which are sylphones connected to fluid pressure.
17. The endoscope according to any of claims 1 to 3, wherein the endoscope tube has a biopsy channel connected to fluid pressure and a biopsy forceps which are a flexible hermetic tube with a biopsy channel piston on tube's distal end.
18. The endoscope according to claim 17, wherein said biopsy forceps have a distal drive of forceps which is a cylinder-piston unit connected to fluid pressure.

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19. The endoscope according to claim 18, wherein said distal drive of forceps is a sylphone connected to fluid pressure.

5 20. A method of prophylaxis from getting infected of an endoscope tube and a patient, wherein the improvement comprises:

- o a hermetic connection of said endoscope tube to preservative of tube's distal part and to a tip united with said preservative, the tip has a protective glass and communicates with intestinal cavity;
- 10 o a hermetic connection of said preservative to the uneverted end of an invaginator of endoscope tube, which is an everted under fluid pressure elastic tube formed by pleats in a compact hollow cylinder which has a gap with said preservative;
- o feeding of fluid pressure through a channel in endoscope tube under the protective glass of said tip.

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In the claims:

Claims 1-20 have been amended by claims 1-20 as follows:

Claim listing

Claim 1 (currently amended): An endoscope, comprising
~~an invaginator, which is a thin-walled tube, compactly placed on the distal part of an~~
~~endoscopic tube in the shape of small layers and/or pleats~~

- o an endoscope tube having a distal part nearest to tube's distal end,
- o an invaginator of the endoscope tube, which an elastic tube inflated and everted
for invagination of the endoscope tube into the explored channel, said elastic
tube is gathered by pleats and has an uneverted end,

wherein the improvement comprises an invaginator whose uneverted end is coupled with
said distal part of the endoscope tube, at that said invaginator is held on said distal part of
the endoscope tube.

Claim 2 (currently amended): The endoscope according to claim 1, wherein said invaginator is
formed of pleats of said elastic tube, tightly compressed in longitudinal and transverse
directions in the shape of a compact hollow cylinder, which has a gap with said distal part of the
endoscope tube.

Claim 3 (re-presented - formerly independent claim #7): An endoscope comprising with a
disposable cartridge for the invagination of an endoscope tube, which has comprising:

- o an endoscope tube having a distal part nearest to tube's distal end,
- o an invaginator of the endoscope tube, which is an thin-walled elastic tube formed
by small layers and/or pleats in the shape of a compact hollow cylinder which has
a gap with the distal part of the endoscopic tube inflated and everted for
invagination of the endoscope tube into the explored channel, said elastic tube is
gathered by pleats and has an uneverted end,
- o ~~a seal between the endoscopic tube and the uneverted end of said invaginator,~~
- o ~~a shell of said invaginator, commensurate to the diameter of said invaginator and~~
~~to the length of rectum,~~
- o ~~a preservative of the distal part of the endoscopic tube~~

wherein the improvement comprises an invaginator, whose uneverted end is coupled with
said distal part of the endoscope tube, said invaginator is formed of pleats, tightly
compressed in longitudinal and transverse directions in a compact hollow cylinder, which
has a gap with said distal part of the endoscope tube and is held on said distal part of the
endoscope tube.

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Claim 4 (new): The endoscope according to claim 2 or 3, wherein said cylinder has a narrowings of an external diameter and widenings of its internal diameter.

Claim 5 (currently amended): The endoscope according to any of claims 1 to 3, further comprising a shell of said invaginator for conducting the distal part of said endoscope tube with invaginator along rectum, commensurate to the diameter of said invaginator and to the length of rectum at that the diameter of said shell is commensurate to the diameter of said invaginator.

Claim 6 (re-presented - formerly claims #7 and #9): The endoscope according to any of claims 1 to 3, further comprising sliding seals of said endoscope tube isolating a cavity of the everted part of said invaginator.

Claim 7 (re-presented - formerly claim #14): The endoscope according to any of claims ~~1, 2, 3, 7, 8~~ 1 to 3, further comprising an anal dilator.

Claim 8 (new): The endoscope according to claim 7, wherein said dilator has a channel in its wall.

Claim 9 (re-presented - formerly claim #10): The endoscope according to any of claims ~~1, 2, 3, 7, 8~~ 1 to 3, further comprising a spring of said invaginator.

Claim 10 (re-presented - formerly claims #6 and #11): The endoscope according to any of claims 1 to 3, further comprising a preservative of the distal part of said endoscope tube united with tube's tip, at that the proximal end of preservative and the tip have areas for hermetic fixation to the distal part of said endoscope tube.

Claim 11 (re-presented - formerly claims #12 and #13): The endoscope according to claim ~~4-10~~, wherein said tip comprises a protective glass and communicates with a cavity of intestines.

Claim 12 (re-presented - formerly independent claim #20): An The endoscope according to any of claims 1 to 3, further comprising a mechanism for introduction of said endoscope tube which is a cylinder-piston unit having a hermetic cavity, confined by a cylinder, a piston and a segment of an elastic tube, connected to the pressure of gas or liquid fluid pressure.

Claim 13 (new): The endoscope according to any of claims 1 to 3, wherein said endoscope tube has a transverse pleats of its external cover, which are directed inwards.

Claim 14 (new): The endoscope according to any of claims 1 to 3, wherein the endoscope tube has distal drives of traction lines, banding its distal end, which are springs executed with pitch and enclosed inside elastic tubes connected to fluid pressure.

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Claim 15 (re-presented - formerly dependent claim #16): The endoscope according to any of claims 1, 2, 3, 7, 8 1 to 3, wherein the endoscope tube ~~further comprises~~ has ~~has~~ distal drives of traction lines, bending its distal end, which are cylinder-piston units, connected to the pressure of gas or liquid.

Claim 16 (reinstated - formerly claim #17): The endoscope according to any of claims 1 to 3, wherein the endoscope tube has a distal drives of traction lines, bending its distal end, which are sylphones connected to fluid pressure.

Claim 17 (re-presented - formerly dependent claim #18): The endoscope according to any of claims 1, 2, 3, 7, 8 1 to 3, ~~further comprising wherein the endoscope tube has a biopsy channel connected to fluid pressure and a biopsy forceps which are a flexible hermetic tube on the distal end of said tube is placed a piston of a biopsy channel with a biopsy channel piston on tube's distal end.~~

Claim 18 (re-presented - formerly dependent claims #19 and #20): The endoscope according to claim 16 17, ~~further comprising wherein said biopsy forceps have a distal drive of traction line of a cutters of said biopsy forceps which is a cylinder-piston unit connected to fluid pressure.~~

Claim 19 (new): The endoscope according to claim 18, wherein said distal drive of forceps is a sylphone connected to fluid pressure.

Claim 20 (new): A method of prophylaxis from getting infected of an endoscope tube and a patient, wherein the improvement comprises:

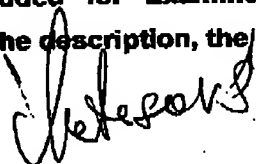
- o a hermetic connection of said endoscope tube to preservative of tube's distal part and to a tip united with said preservative, the tip has a protective glass and communicates with intestinal cavity;
- o a hermetic connection of said preservative to the uneverted end of an invaginator of endoscope tube, which is an everted under fluid pressure elastic tube formed by pleats in a compact hollow cylinder which has a gap with said preservative;
- o feeding of fluid pressure through a channel in endoscope tube under the protective glass of said tip.

In the drawings:

Drawing 5/5 is added for Examiner's approval in order to provide a substantial correspondence the description, the claims and the drawings.

Faithfully Yours,

Dr. Sergey Matasov



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Localization of amended claims support in the materials of the present application.

No. of claim and its subject matter	In SU 1522466 (see English translation)	In PCT/LV98/00006 (see English translation)	In US appl. No. 09/509,377, as amended on Sept. 1, 2004
Claim 1. ♦ <i>unverted end of invaginator is coupled with the distal part of endoscope tube</i> ♦ <i>invaginator is held on the distal part of endoscope tube</i>	column 2, lines 3-5, 29-31; column 3 lines 19-21, 44-48; Fig., elements 7, 8, 9, 3. column 2 lines 2-7, 11-15, 28-33 column 3 lines 1-8, 17-50 Fig.	page 1, lines 28-29, page 2, lines 1-2, page 3, lines 16-17; page 5, lines 11-12, page 7, lines 23-24, page 8, line 1, page 9, lines 10-11 Fig. 1c, 1e elements 7, 29, 3 page 1, lines 25-27, 37-38 page 1 line 42 - page 2 line 1; page 3, lines 3-4 Fig. 1b, 1c, 1e, 1f	page 3, lines 19-20, page 3, line 41- page 4, line 1 page 5, lines 14-15, 21-22 page 7, lines 21-22, page 10, lines 23-24, Fig. 1c, 1e elements 7, 29, 3, Fig. 5 elements 7, 8, 9, 3 page 3, line 21, page 5, lines 15, 24, Fig. 1c, 1e, 1f, 5
Claim 2 <i>invaginator is formed in cylinder having a gap with the distal part of endoscope tube</i>		page 3, lines 17-18, 23-28; page 5, lines 8-9; page 7, lines 38, 40; page 9, lines 11-12; page 10, lines 1-4; Fig. 1c, 1e, 1f elements 23, 25, 3.	page 3, lines 27-31, 39-40, page 5, lines 16-18, 22-24, page 6, lines 26-27, page 7, lines 31-34; page 11, lines 2, 4, Fig. 1c, 1e, 1f, elements 23, 25, 3.
Claim 3 <i>disposable cartridge for the invagination of an endoscope tube comprising invaginator, whose unverted end is coupled ...</i>		page 1, title of invention page 3, lines 6, 13; page 4, lines 29-31; page 6, lines 2, 6-7, 38-39; page 7, line 7; page 9, lines 7-8; Fig. 1b, 1c, 1d, 1e, 1f. See also support of claims 1 and 2	page 1, title of invention page 3, lines 34-35; page 4, lines 7-8, 15-16; page 5, lines 20-21; page 6, lines 32-33; page 9, lines 2, 6-7, 39-40; Fig. 1b, 1c, 1d, 1e, 1f. See also support of claims 1 and 2
Claim 4 <i>narrowings and widenings of invaginator's diameters ...</i>		page 3, lines 18-19; page 5, lines 8-9; page 7, line 39; page 9, lines 12-13; Fig. 1c, 1e, 1f elements 23, 24.	page 3, lines 31-32, 40-41; page 5, lines 27-28; page 7, lines 34-35; page 8, line 5; page 11, line 3; Fig. 1c, 1e, 1f elements 23, 24.
Claim 5 <i>sheath for conducting the distal part of said endoscope tube with invaginator along rectum</i>		page 3, lines 14-20; page 5, lines 5-7; page 6, lines 6-8; page 7, line 37; page 9, lines 8-14; Fig. 1b, 1c, 1d, 1e, 1f elements 22, 23.	page 3, line 3 - page 4, line 1; page 5, lines 29-30; page 8, lines 2-4; page 9, lines 7-9; page 11, line 1; Fig. 1b, 1c, 1d, 1e, 1f elements 22, 23.
Claim 6 <i>sliding seals of endoscope tube isolating a cavity of the everted part of invaginator</i>	column 2 lines 6-11; column 2 line 28 - column 3 lines 18-20, 23-32, 40-41, 43-47, 53-55; column 4, lines 7-9, 12-14, 42-48; Fig., elements 8, 9, 13, 14, 4.	page 1, lines 27-29; page 3, lines 4, 16-17, 20; page 4, lines 13-15; page 5, lines 11-12; page 7, lines 24, 28; page 8, line 1; page 9, lines 10-11, 14, 27-28; page 10, line 10; Fig. 1c, 1d, 1e, 4c elements 13, 29, 3, 14, 23.	page 3, lines 24-25, 38-39; page 4, lines 1-2; page 5, lines 31-32; page 7, lines 21-22; page 7, line 39 - page 8, line 2; page 8, lines 8-9, 28-29; page 10, lines 31-32; page 11, line 8; Fig. 1c, 1d, 1e, 4c, 5 elements 8, 9, 13, 29, 3, 14.
Claim 7 <i>Anal dilator</i>	column 4 lines 4-9; Fig., element 19.	page 1, lines 30; page 3, lines 5, 20-21; page 6, lines 13-14, 34-35; page 7, line 34; page 9, lines 7, 14-15; Fig. 1b, 1c, 4c element 19.	page 4, line 2; page 6, line 32; page 7, line 24; page 9, lines 35-36; page 10, line 37; Fig. 1b, 1c, 4c, 6 element 19.

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Claim 8 anal dilator with a channel in its wall		page 3, lines 20-21; page 5, lines 19; page 6, line 13-14; page 8, line 7; page 9, line 14-15; Fig. 1c element 35.	page 4, line 2; page 5, line 33; page 8, line 16; page 9, lines 14-15; page 11, line 14; Fig. 1b, 1c, 4c, 5 element 19, 35.
Claim 9 spring of invaginator	column 2 line 13; column 3 lines 3-4, 21-22, 41, 47, 48; column 4, lines 48- 53; Fig., element 10.	page 1, lines 22, 25-26; page 1, line 42 - page 2, line 1. page 3, lines 4, 15; page 5, lines 5-7, 13-14; page 6, lines 8-9; page 7, line 25; page 9, lines 6, 9; Fig. 1c, 1d, 1e, elements 10, 23.	page 3, line 37; page 5, line 34; page 7, lines 15-16, 18-19; page 8, lines 2-4, 9-11; page 10, lines 14-15; page 11, line 8; Fig. 1c, 1d, 1e, 5, elements 10, 23.
Claim 10 preservative of the distal part of endoscope tube united with tube's tip, at that...		page 3, lines 21-23; page 4, line 15-16; page 5, lines 9-11, 15-17; page 6, lines 39; page 7, lines 22, 41, 43; page 9, lines 15-17, 29; Fig. 1c, 1d, 1e, 1f elements 26, 3, 6, 28.	page 4, lines 2-5, 19; page 5, lines 35-37; page 6, lines 22-24; page 8, lines 7-8, 12-14; page 9, line 40 - page 10, line 1; page 10, line 25; page 11, lines 5, 7; Fig. 1c, 1d, 1e, 1f elements 26, 3, 6, 28.
Claim 11 tip comprising a protective glass and communicating with intestinal cavity		page 3, lines 22-23; page 5, line 15-16; page 6, lines 11-13; page 7, line 1; page 8, line 6; page 9, lines 15-16; Fig. 1c, 1f, elements 33 & 6.	page 4, lines 3-6; page 5, line 38; page 6, lines 22-24, 28-29; page 8, lines 12-13; page 9, lines 12-14; page 10, lines 4-5; page 11, line 12; Fig. 1c, 1f, elements 32, 33 & 6.
Claim 12 mechanism for introduction of endoscope tube which is a cylinder-piston unit ...		page 3, lines 27-32; page 4, lines 40-41; page 5, lines 33-34; page 8, lines 25, 28-32; page 10, lines 7-11; Fig. 4a, 4c, elements 53, 56, 57, 58, 60, 3.	page 4, lines 8-11; page 6, lines 1-3; page 7, lines 7-8; page 11, line 32; page 11, line 35 - page 12, line 1; Fig. 4a, 4c, elements 53, 56, 57, 59, 60, 3.
Claim 13 endoscope tube with a transverse pleats of its external cover, which are directed inwards		page 4, line 13; page 5, lines 28-29; page 8, line 20; page 9, lines 26; Fig. 2c, 3c, elements 3, 48	page 4, lines 18-17; page 6, lines 4-5; page 8, line 26; page 11, line 27; Fig. 2c, 3c, elements 3, 48
Claim 14 distal drives of traction lines, which are springs...		page 3, line 34 - page 4 line 2; page 6, lines 16-26; page 8, lines 8-11, 17; page 9, lines 18-25; Fig. 2, 3, 4a, 4b, elements 36, 37, 38, 39, 45.	page 4, lines 23-30; page 6, lines 6-8; page 9, lines 17-27; page 11, lines 16-19; Fig. 2, 3, 4a, 4b, elements 36, 37, 38, 39, 45.
Claim 15 distal drives of traction lines, which are cylinder-piston units...		page 4, lines 2-3; page 10, lines 13-14	page 4, line 30; page 6, lines 9-10.
Claim 16 distal drives of traction lines, which are syphonnes...		page 4, lines 2-4; page 10, lines 13-16	page 4, lines 31-32; page 6, lines 11-12.

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Claim 17 biopsy channel connected to fluid pressure and biopsy forceps which are ...		page 4, lines 20-23; page 5, lines 36-38; page 7, lines 7-11; page 8, lines 35-40; page 9, lines 30-32; Fig. 4d, elements 63-68.	page 5, lines 4-8; page 6, lines 13-15; page 8, lines 34-35; page 10, lines 10-15; page 12, lines 4-10; Fig. 4d, elements 63-68.
Claim 18 distal drive of biopsy forceps which is a cylinder-piston unit connected to fluid pressure...		page 3, line 10; page 4, lines 25-27; page 5, lines 38-40; page 7, lines 12-14; page 8, lines 35, 41 page 9, lines 33-35; Fig. 4d, elements 63, 69.	page 5, lines 8-10; page 6, lines 16-17; page 12, lines 4, 10-12; Fig. 4d, elements 63, 69.
Claim 19 distal drive of biopsy forceps in the shape of syphon...		page 9, line 35-36; Fig. 4d, elements 63, 69.	page 5, lines 10-11; page 6, line 18; page 12, lines 4, 10-12; Fig. 4d, elements 63, 69.
Claim 20 ♦ connection of endoscope tube to preservative of tube's distal part and to a tip united with said preservative... ♦ connection of preservative to the unverted end of invaginator ... ♦ invaginator formed by pleats in a compact hollow cylinder which has a gap with preservative... ♦ feeding of fluid pressure through a channel in endoscope tube under the protective glass of tip...		page 3, lines 21-23; page 4, line 15-16; page 5, lines 9-11, 15-17; page 6, lines 11-13, 39; page 7, lines 1, 22, 41, 43; page 8, line 5; page 9, lines 15-17, 29; Fig. 1c, 1d, 1e, 1f elements 26, 3, 6, 28, 33. Fig. 1c, 1e, elements 26, 29, 7 page 3, lines 17-18, 23-26; page 5, lines 8-9; page 7, lines 38, 40; page 9, lines 11-12; page 10, lines 1-4; Fig. 1c, 1e, 1f elements 23, 25, 3. page 3, lines 22-23; page 5, line 16-16; page 6, lines 11-13; page 9, lines 15-17; Fig. 1c, 1e, 1f elements 32, 33, 6	page 4, lines 2-5, 19; page 5, lines 35-38; page 6, lines 22-24, 28-29; page 8, lines 7-8, 12-14; page 9, lines 12-14; page 9, line 40 - page 10, line 1; page 10, lines 4-5, 25; page 11, lines 5, 7, 12; Fig. 1c, 1d, 1e, 1f elements 26, 3, 6, 28, 33. page 6, lines 25-26, Fig. 1c, 1e, elements 26, 29, 7 page 3, lines 27-31, 39-40, page 5, lines 16-18, 22-24, page 6, lines 26-27, page 7, lines 31-34, page 11, lines 2, 4, Fig. 1c, 1e, 1f, elements 23, 25, 3. page 4, lines 3-4; page 5, line 38; page 6, lines 22-24, 28-29; page 8, lines 12-13; page 9, lines 11-14; page 11, lines 11-12; Fig. 1c, 1e, 1f elements 32, 33, 6

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